

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (Currently Amended)

A device for injection, comprising

a body ~~provided with~~having a first channel for conveyance of a first medical substance; and

a first connecting component having a first port for introduction of a first medical substance into said first channel, said first connecting component being connectable to an external unit;~~s~~ and

~~said body having~~ a second channel for conveyance of a second medical substance; and

~~a second connecting component having a second port;~~ ~~that is sealed by~~

~~a first flexible non-split air- and liquid-proof membrane configured for sealing said second port, said first flexible membrane having no pre-existing openings therethrough, wherein said first flexible membrane can be opened by means of an injection component operable for injecting a second medical substance into said second channel,~~ ~~wherein said first flexible non-split air- and liquid-proof membrane sealing said second port cooperates being operable to achieve a sealed connection with a second flexible air- and liquid-proof membrane having no pre-existing openings therethrough, arranged in an~~ ~~said~~ injection component which is connectable to said second connecting component; and the device has

~~means~~ ~~said second connecting component having a holder configured and operative for holding said second flexible membrane with a pressure against said first flexible non-split air- and liquid-proof membrane; and, the injection component penetrating the first and second flexible membranes,~~

~~and the~~ ~~said~~ body ~~having is provided with~~ a third connecting component being common to ~~in fluid communication with~~ the first and the second channels and ~~said third connecting component~~ having at least one third port for conveying medical substances out from said first and second channels, ~~whereby wherein~~ ~~said~~ first, second and third connecting components and ~~the~~ ~~said~~ body are an integrated unit, and wherein ~~the~~ ~~said~~ first channel extends in a generally straight line through ~~the~~ ~~said~~ body of ~~the~~ ~~said~~ device.

Claim 2 (Currently Amended)

A device according to claim 1, wherein ~~the said~~ body has a channel portion common to the first and the second channels, and said third port constitutes an outlet for this ~~said~~ channel portion and thereby an outlet common to the first and the second channels.

Claim 3 (Currently Amended)

A device according to claim 1, wherein ~~said third connecting component has a fourth port, wherein said third port constitutes is configured as~~ an outlet for the first channel; and
~~said third connecting component has a fourth port constitutes-configured as~~ an outlet for the second channel.

Claims 4-6 (Cancelled)

Claim 7 (Currently Amended)

A device according to claim 1, wherein ~~the said~~ pressure exceeds 150 kPa.

Claim 8 (Currently Amended)

A device according to claim 1, wherein ~~the said~~ third connecting component comprises a first luer fitting component ~~comprises-having~~ a male fitting, ~~configured intended to cooperate with a corresponding female fitting of said-a~~ second luer fitting component, ~~which said female fitting has a further channel, to form-to thereby form a connection via said first and second luer fittings sealed relative to the environment between the said first and the said second channels on one hand, and said second luer fitting component further channel on the other hand, said connection being sealed relative to the environment.~~

Claim 9 (Currently Amended)

A device according to claim 8, wherein ~~the said~~ first luer fitting component comprises a ring which is concentrically arranged relative to ~~the said~~ male fitting and at least partly encloses ~~the said~~ male fitting, the ring being provided with said thread.

Claim 10 (Currently Amended)

An injection arrangement comprising a device for injection according to claim 1;
for transmitting a first medical substance from an infusion bag connected to said first connecting component of the device, via the first channel, to a receiving unit connected to said third connecting component of the device for injection; and
an infusion bag connected to said first connecting component of said device for injection,
the infusion bag containing a first medical substance in fluid communication with said receiving unit via said first channel; and
for transmitting a second medical substance from an injection component connected to said second connecting component of the device for injection, said injection component containing a second medical substance in fluid communication with said receiving unit via the said second channel, to said receiving unit.

Claim 11 (Cancelled)

Claim 12 (Currently Amended)

A device for injection, the device comprising:
a body having
a first channel for conveyance of a first medical substance;
a first connecting component with a first port for introduction of the said first medical substance into said first channel, said connecting component being connectable to an external unit;
a second channel for conveyance of a second medical substance, said second channel having a proximal end;
a second connecting component having a second port, that is sealed by
a first flexible non-split air- and liquid-proof membrane configured and operative for sealing said second part, said first flexible air- and liquid-proof membrane having no pre-existing openings therethrough;
said first air- and liquid-proof membrane positioned at a said proximal end of the said second channel, which can-and said second channel being configured and operative to be opened

by means of an injection component for injecting a second medical substance into said second channel,

wherein said first flexible non-split air- and liquid-proof membrane sealing said second port cooperates being operative to achieve a sealed connection with a second flexible membrane having no pre-existing openings therethrough, said second flexible membrane arranged in an said injection component which is connectable to said second connecting component at the proximal end of the second channel;

means said second connection component having a holder operative for holding said second flexible membrane with a pressure against said first flexible non-split air- and liquid-proof membrane; and

a third connecting component being common to their fluid communication with said first and the second channels and having at least one third port for conveying said first and second medical substances out from said first and second channels,

wherein said first, second and third connecting components and the said body are designed as together comprise an integrated unit.

Claim 13 (Currently Amended)

A device for injection, the device comprising:

a body having

a first channel for conveyance of a first medical substance;

a first connecting component with having a first port for introduction of the first medical substance into said first channel, said connecting component being connectable to an external unit;

a second channel for conveyance of a second medical substance;

a second connecting component having a second port, that is sealed by

a first flexible air- and liquid-proof membrane configured and operative for sealing said second port, said first flexible air- and liquid-proof membrane lacking any pre-existing opening therethrough, which can; and

a third connecting component in fluid communication with said first and second channels, said third connecting component having a third port operative to convey said first and second medical substances out from said first and second channels.

wherein said first, second and third connecting components and said body together comprise an integrated unit;

be resealably opened by means of an injection component configured and operative for injecting a second medical substance into said second channel, wherein

said first flexible air-and liquid-proof membrane sealing said second port cooperates with said injection component having a second flexible membrane with no pre-existing openings therethrough, and being configured and operative to be connected arranged in an injection component which is connectable to said second connecting component at the proximal end of the second channel; and

means-said second connecting component having a holder configured and operative for holding said second flexible membrane with a pressure against said first flexible air-and liquid-proof membrane; and

a third connecting component being common to the first and the second channels and having at least one third port for conveying said first and second medical substances out from said first and second channels

wherein said first, second and third connecting components and the body are designed as an integrated unit.

Claim 14 (New)

A device for injection according to claim 1, wherein said injection component comprises an injection needle, and said first flexible membrane is configured and operative to be penetrated by said injection needle for the injection of said second medical substance.

Claim 15 (New)

A device for injection according to claim 13, wherein said injection component comprises an injection needle, and said first flexible membrane is configured and operative to be penetrated by said injection needle for the injection of said second medical substance.